

**Notice of Allowability**

Application No.

10/824,747

Applicant(s)

FOWLER ET AL.

Examiner

John B. Nguyen

Art Unit

2819



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/06/2005.
2. ☒ The allowed claim(s) is/are 1,2,4-14,16-20,23-32,35-39,41-43,45-47 and 49-52.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

## **DETAILED ACTION**

1. Claims 3, 15, 21-22, 33-34, 40, 44 and 48 have been canceled.

### ***Allowable Subject Matter***

2. Claims 1-2, 4-14, 16-20, 23-32, 35-39, 41-43, 45-47, and 49-52 are allowed.
3. The following is an examiner's statement of reasons for allowance: in combination with other limitations of the claim the prior art fails to teach or suggest a serializer/ a serializer/deserializer for sending a data word out bit by bit, the serializer/ the serializer/deserializer comprising: means for adding at least two boundary bits to the serially output data word bits, wherein the means for connecting the pulse generator to the control input includes means for holding the signal at the control input at a constant logic level during the outputting of the at least two added bits as called for in claims 1,18,20,37; and a deserializer arranged to receive a data word bit by bit, comprising: means for detecting at least two bit added to the data word bits, wherein the signals on the pulse generator receiving port stay at a constant logic level during the receipt of the at least two added bits as called for in claims 13,32. Therefore, claims 1-2, 4-14, 16-20, 23-32, 35-39, 41-43, 45-47, and 49-52 are presently allowed.

### ***Conclusion***

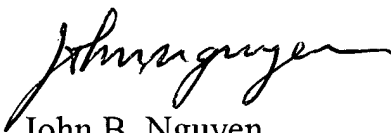
4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should

Art Unit: 2819

preferably accompany the issue fee. Such submissions should be clearly labeled

"Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John B. Nguyen whose telephone number is (571) 271-1808. The examiner can normally be reached on 8AM-4:30 PM M-F.

A handwritten signature in black ink, appearing to read 'John B. Nguyen', with a stylized, flowing script.

John B. Nguyen  
November 22, 2005  
Primary Examiner